Title (en)

MULTI-VIEW VIDEO STREAMING

Title (de)

MEHRFACHANSICHTSVIDEOSTREAMING

Title (fr)

DIFFUSION EN CONTINU DE VIDÉO MULTIVUE

Publication

EP 4272432 A1 20231108 (EN)

Application

EP 21844001 A 20211222

Priority

- EP 20218001 A 20201231
- EP 2021087379 W 20211222

Abstract (en)

[origin: WO2022144284A1] A method of processing a multi-view video by a client apparatus is described wherein, the multi-view video comprising a set of video streams is created by a set of cameras simultaneously capturing an object in a scene for a set of view angles and for one or more video resolutions, each video stream defining a view associated with a view angle of a camera relative to the object. The method may comprise: receiving a manifest file defining a plurality of windows for the multi-view video, a first window of the plurality of windows defining a first subset of video streams selected from the set of video streams, the first subset of video streams being associated with a first subset of view angles of the set of view angles; determining position information associated with an angular position of a viewer relative to a multi-view display apparatus, the multi-view display apparatus being configured to render the multi-view video identified in the manifest file; selecting the first window from the plurality of windows based on the position information and the first subset of view angles and requesting transmission of the first subset of video streams by a server system; and, receiving multi-view video data associated with the first subset of video streams; and, providing the multi-view video data to a decoder apparatus for decoding.

IPC 8 full level

H04N 13/117 (2018.01); **H04N 13/194** (2018.01); **H04N 13/383** (2018.01); **H04N 19/597** (2014.01); **H04N 21/218** (2011.01); **H04N 21/2343** (2011.01)

CPC (source: EP US)

H04N 13/117 (2018.04 - EP); **H04N 13/194** (2018.04 - EP); **H04N 19/597** (2014.11 - US); **H04N 21/21805** (2013.01 - EP US); **H04N 21/2365** (2013.01 - EP); **H04N 21/26258** (2013.01 - EP); **H04N 21/435** (2013.01 - US); **H04N 21/437** (2013.01 - US); **H04N 21/47202** (2013.01 - EP); **H04N 21/6587** (2013.01 - EP); **H04N 21/816** (2013.01 - EP US); H04N 19/597 (2014.11 - EP)

Citation (search report)

See references of WO 2022144284A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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